GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

UNSTARRED QUESTION NO:5812
ANSWERED ON:17.05.2007
WEIGHT OF THE COACHES
Singh Shri Chandra Bhushan

Will the Minister of RAILWAYS be pleased to state:

(a) whether the Railways are considering to reduce the weight of the coaches to improve their efficiency; and

(b) if so , the details thereof?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF RAILWAYS (SHRI R. VELU)

(a)&(b) Yes, Sir. A new design of light weight coaches was acquired under transfer of technology agreement with M/s Linke Hoffman Busch and about 400 such coaches have already been manufactured indigenously at Rail Coach Factory, Kapurthala.

These coaches are lighter than the existing Integral Coach Factory (ICF) design coaches as detailed in the appendix. These coaches, besides being lighter, have a higher carrying capacity of about 10-12% as compared to corresponding ICF design coaches and earn more revenue at lesser hauling cost.

APPENDIX REFERRED TO IN THE REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 5812 TO BE ANSWERED IN LOK SABHA ON 17.05.2007 REGARDING `WEIGHT OF THE COACHES`

Comparative data of Weight and Seating capacity of LHB Design and ICF Design coaches.

Type of coaches	Tare Weight (tonne)		Seating capacity	
	LHB Design	ICF Design	LHB Design	ICF Design
Rajdhani/Shatabdi				
AC First	43.3	46.2	24	18
AC 2 Tier	44.5	44.8	52	48
AC 3 Tier	45.6	48.3	72	64
Power Car	53	60	0	0
Pantry Car	40.8	47.9	0	0
2 AC Chair Car	39	43.1	78	67
1 AC Chair Car	39	42.6	56	46
Mail/Express				
AC First	47.5	49.7	24	18
AC 2 Tier	48.34	49.1	52	48
AC 3 Tier	50.58	52.53	72	64
General Second	37.57	36.99	99	90
Second Sleeper	39.6	38.3	78	72